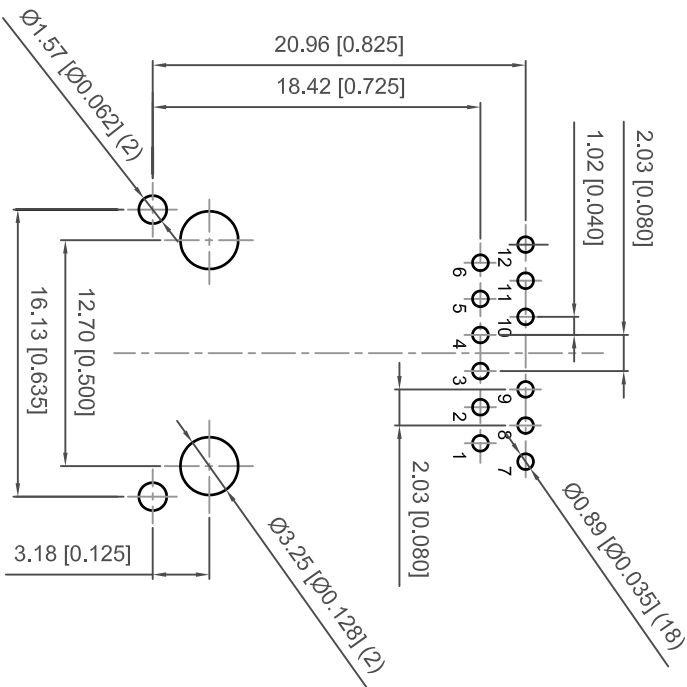
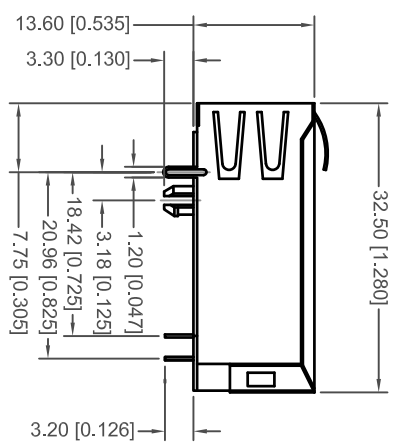
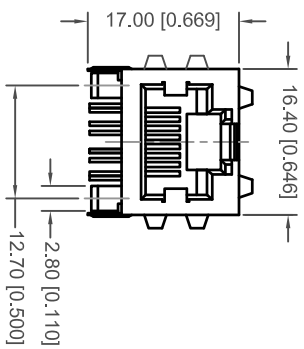
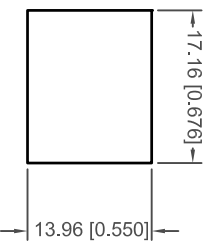


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:
 0 ±0.50
 0.0 ±0.38
 0.00 ±0.25
 0.000 ±0.10

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RECOMMENDED
 PANEL CUTOUT DIMENSION



NOTES:

1. MATERIALS:
 HOUSING: HIGH TEMP. THERMOPLASTIC, PBT, UL94 V-0, COLOR: BLACK
 CONTACTS: 0.35MM PHOSPHOR BRONZE PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A60-112-200P471	GOLD FLASH PLATING
A60-113-200P471	15 MICRO INCHES OF GOLD
A60-114-200P471	30 MICRO INCHES OF GOLD

2. SHIELD: 0.25MM COPPER ALLOY WITH NICKEL PLATING
3. OPERATING TEMPERATURE: 0°C TO +70°C
4. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
5. DIMENSION: MM [INCHES]

RECOMMENDED P.C.B. LAYOUT
 TOLERANCE: ±0.05[±0.002]



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**RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C
 SHIELDED, 10/100/1000 Mbps FILTER**

EDAC INC
 TORONTO, ONTARIO
 CANADA

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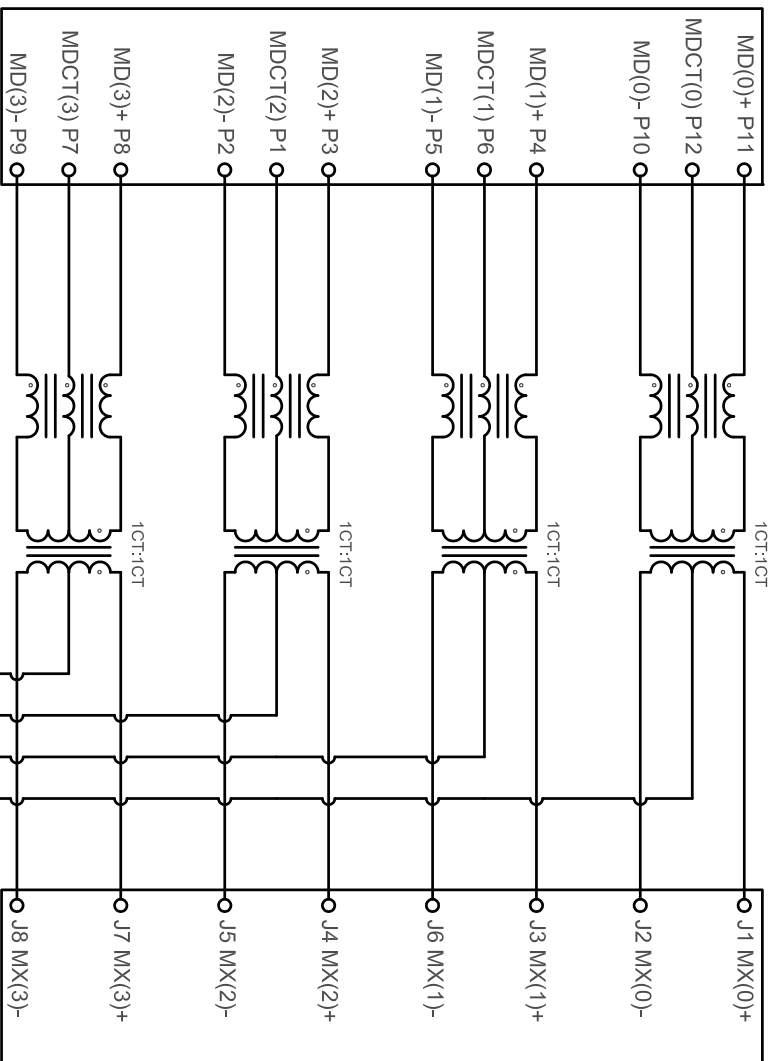
ACAD REFERENCE NO.: A60-113-200P471	
DRAWN: R.STA.MONICA	DATE: NOV.19/2010
CHECKED:	DATE:
PART NUMBER	
SEE NOTE	SHEET 1 OF 2
DRAWING NUMBER	ISSUE
A60-112-200P471	1

ELECTRICAL CIRCUIT:

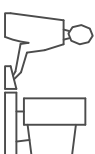
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	3°
0	± 0.50	
0.0	± 0.38	
0.00	± 0.25	
0.000	± 0.10	

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



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ISSUE NUMBER
ORIGINAL

1

TEST NOTES:(25±5°C)

- TR:(100KHz,0.1V): 100%
PINS:(P8,P9):(J7,J8)=1:1±3%;(P3,P2):(J4,J5)=1:1±3%
PINS:(P4,P5):(J3,J6)=1:1±3%;(P11,P10):(J1,J2)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P8,P9),(P3,P2),(P4,P5),(P11,P10)=350uH MINIMUM
- DCR: 100%
PINS:(P8,P9),(P3,P2),(P4,P5),(P11,P10)=1.0Ω MAXIMUM
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0Ω MAXIMUM
- HIPOT: 100%
PINS:(P8,P9)TO(J7,J8),(P3,P2)TO(J4,J5)=1500VAC FOR 2 SECONDS
PINS:(P4,P5)TO(J3,J6),(P11,P10)TO(J1,J2)=1500VAC FOR 2 SECONDS
- INSERTION LOSS:
-1dB MAXIMUM AT 1MHZ TO 100MHZ;
- RETURN LOSS:
-20dB MINIMUM AT 1MHZ TO 30MHZ;
-15dB MINIMUM AT 30MHZ TO 60MHZ
-10dB MINIMUM AT 60MHZ TO 80MHZ
- CROSS TALK:
-30dB MINIMUM AT 1MHZ TO 100MHZ
-30dB MINIMUM AT 300KHZ TO 100MHZ
- COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 300KHZ TO 100MHZ

RJ45 MAGNETIC JACK WITHOUT LED, 12P, 8C SHIELDED, 10/100/1000 Mbps FILTER

ACAD REFERENCE NO.: A60-113-200P471

DRAWN: R.STA.MONICA DATE: NOV.19/2010

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A60-112-200P471

ISSUE

1



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